



CORRES. AND MAIL

BOX AF

STANF. 18 1989

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

JDL
3/10/899/CX
FJ

3-9-89

Applicant : Shaw, et al.
Serial No. : 137,870
Filed : December 22, 1987
For : FIBER OPTIC AMPLIFIER
Examiner : J. Lee

Art Unit: 251

entry
approved
JDL
3/10/89

AMENDMENT AFTER FINAL REJECTION

Hon. Commissioner
of Patents and Trademarks
Washington, D.C. 20231

Dear Sir:

In response to the Final Office Action mailed December 5, 1988, please amend the above-identified application as indicated below:

IN THE CLAIMS:

Please amend Claims 18, 24, 28, 29, 31 and 32 as shown below:

18. (Twice Amended) A fiber optic amplifier, comprising:

[a waveguide] an optical fiber comprised of a material which will emit light in response to pumping;

a source of signals comprising light at a frequency of said emitted light;

a source of light for pumping said material; and

means for coupling both said signals and said light for pumping into an end of said [waveguide] optical fiber.

C1